

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

**ROGER L. SCHULTZ**

Serial No.: **10/808,986**

Filed: **March 25, 2004**

Title: **"APPARATUS AND METHOD FOR  
CREATING PULSATING FLUID FLOW,  
AND METHOD OF MANUFACTURE FOR  
THE APPARATUS"**

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§ Group Art Unit: **3753**

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§ Examiner: **SCHNEIDER, CRAIG M.**

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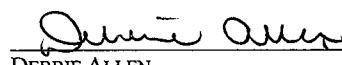
§ Atty. Docket No.: **HES 2003-IP-012204U1**

**MAIL STOP AF  
Honorable Commissioner of Patents  
P. O. Box 1450  
Alexandria, VA 22313-1450**

CERTIFICATE OF FILING ELECTRONICALLY VIA EFS  
MPEP 503

I HEREBY CERTIFY THAT I HAVE A REASONABLE BASIS FOR BELIEF THAT THIS CORRESPONDENCE IS BEING SUBMITTED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE VIA EFS (ELECTRONICALLY) ON THE DATE INDICATED BELOW, AND IS ADDRESSED TO:

HONORABLE COMMISSIONER FOR PATENTS  
P.O. Box 1450  
ALEXANDRIA, VA 22313-1450

  
DEBBIE ALLEN

APRIL 22, 2008

DATE OF SUBMISSION:  
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**RESPONSE UNDER 37 C.F.R. § 1.116 TO  
FINAL OFFICE ACTION, MAILED MARCH 3, 2008**

Dear Honorable Commissioner:

In response to the Office Action mailed on March 3, 2008 (the "Office Action"),

Applicants submit this Response.

- **Amendments to the Claims** begin on page 2 of this paper.
- **Remarks / Arguments** begin on page 17 of this paper.